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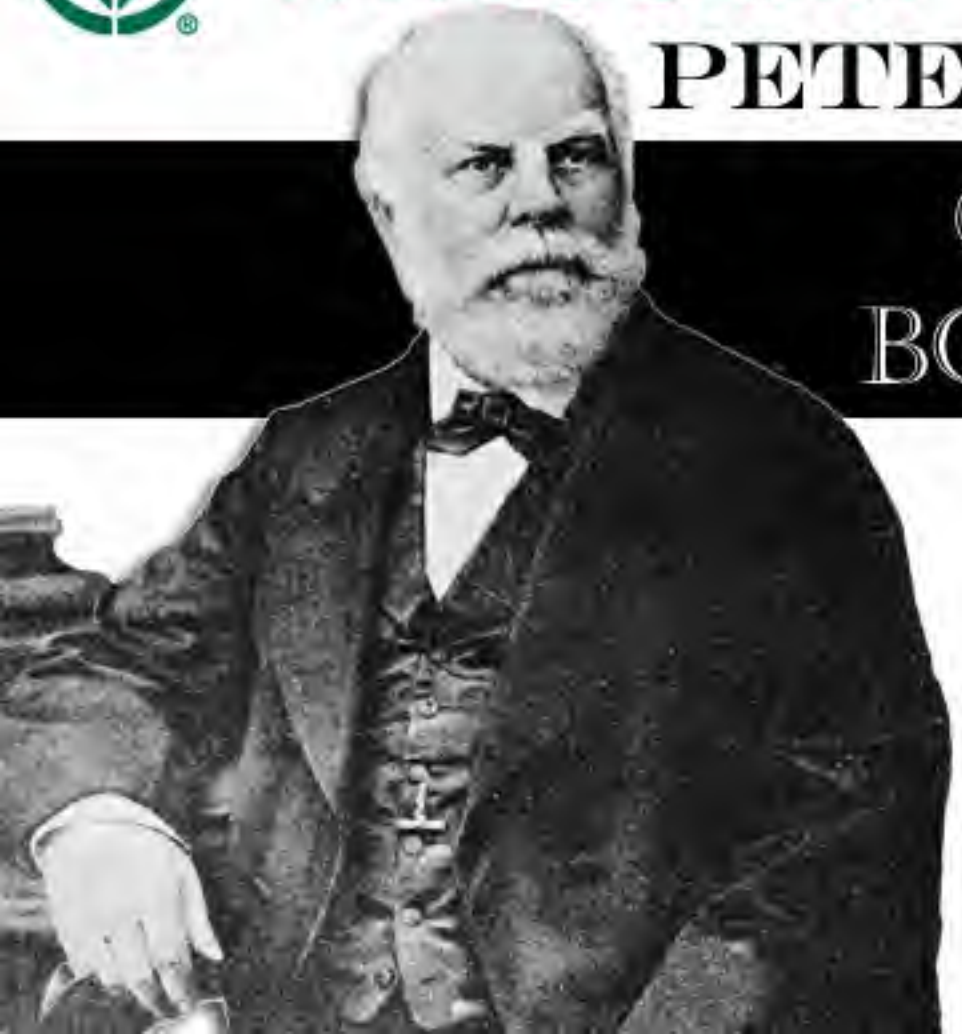
George Engelmann Botanical Notebooks



Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

bicolata

petiole smooth

(Schotts & Heynianus are
subsequent

138-156

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...TANICAL GARDEN
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1443-7

of treatment with bromide of ammonium." "On the pain, the influence is very striking. Not only is the local distress often stated to be ameliorated, but the general uneasiness and restlessness are decidedly benefited." No gastric symptoms; no constipation; in a few cases slight diarrhœa. The urine remains acid, is generally of high specific gravity, the urates and chlorides copious, the phosphates very variable; the quantity of urine usually decidedly increased. What is most remarkable in this analysis of cases is that "not a single one had endocarditis originating under treatment; in not a single one was it met with . . . . . in which it had not existed at the admission of the patient into the Hospital. And in not a case did signs of cardiac trouble exist at the end, unless they had been present in a marked manner at the outset."

18. *On the Treatment of Diabetes.* By F. W. PAVY, M.D., F.R.S., and WILLIAM R. BASHAM, M.D., F.R.C.P., London.

[*Brit. Med. Journal*, Jan. 9, April 10, May 1, 1869.]

Dr. PAVY reported to the Clinical Society of London a case of diabetes mellitus successfully treated by opium, without res-

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ministered was raised to ten and a half grains daily. It was then suddenly discontinued on account of a greater degree of drowsiness than was desirable being produced; but, in a few days, was re-commenced, and this time, being more gradually increased, was borne without producing any disturbance. On July 28th, the quantity of urine was twenty-five ounces daily, the specific gravity 1027, and no sugar was passed. On the three subsequent days there was a little sugar, but it afterwards disappeared, and remained absent as long as she continued in the hospital, viz., until October 28th. When the sugar disappeared, the patient was taking nine grains of opium daily. It was afterwards further increased to twelve grains, and then gradually diminished until October 17th, when all was taken off, the patient during the remaining time taking no medicine, and passing no sugar. The last daily record was forty ounces of urine in the twenty-four hours; specific gravity, 1025; and no sugar. With the improvement in the state of the urine there was a corresponding improvement in the health and strength of the patient, who ultimately expressed herself as feeling perfectly well in every respect. Upon being discharged, she lived precisely as she was in the habit of doing before she became affected, and had come to the hospital several times; the urine being, on each occasion, found devoid of sugar.

Dr. PAVY had given opium and morphia in other cases; and the results strikingly exemplified the controlling influence of the dr g c he disease. ere was still much to be learnt about

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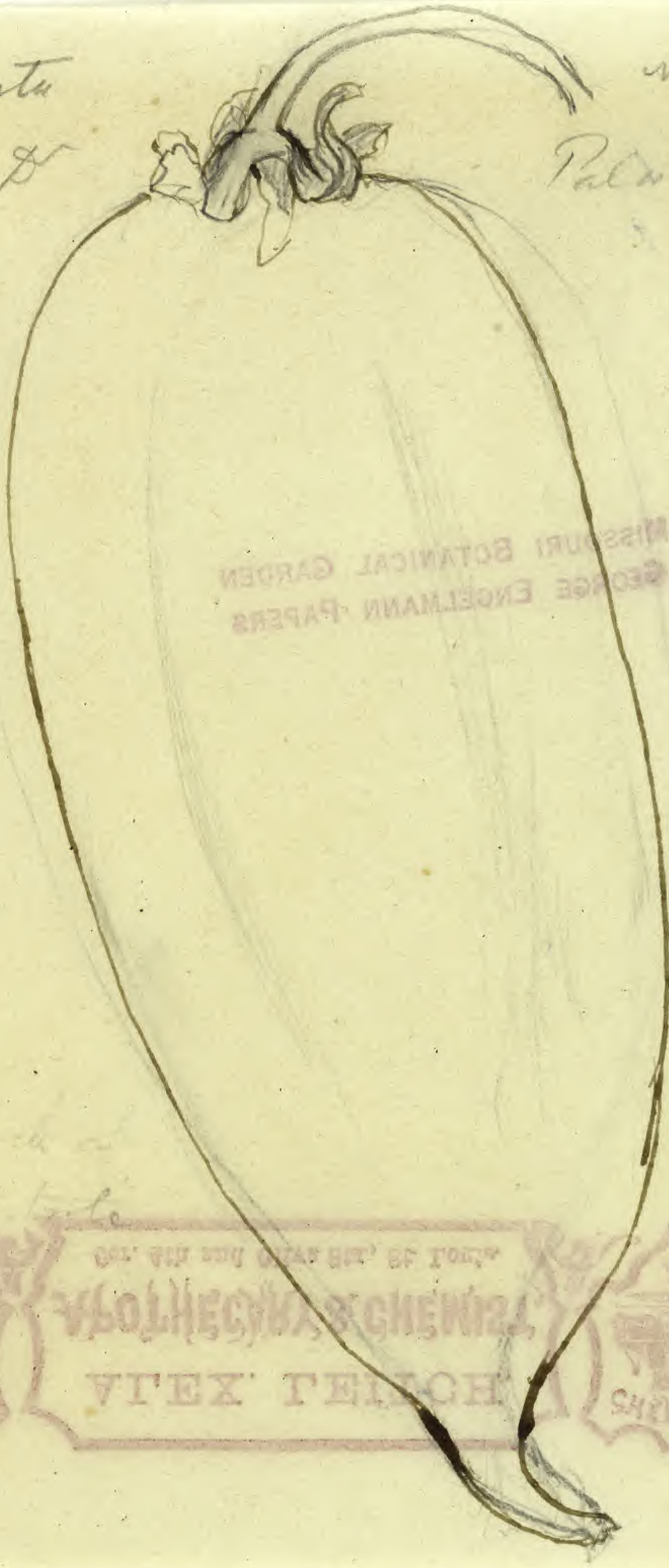
Yucca baccata

according to Dr

Nov 6 1870

Palmer's notes



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ALEX. LEITCH,
APOTHECARY & CHEMIST,
Cor. 4th and Olive Sts., St. Louis.
ALL NEW REMEDIES
CONSTANTLY ON HAND
CHEMISTS

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Yucca baccata

Jan 8 1871

Hurrah Creek, East N Mexico

Dr Bigelow 25 Sept 1853

×4

Seed scarcely larger
than Y. angustifolia

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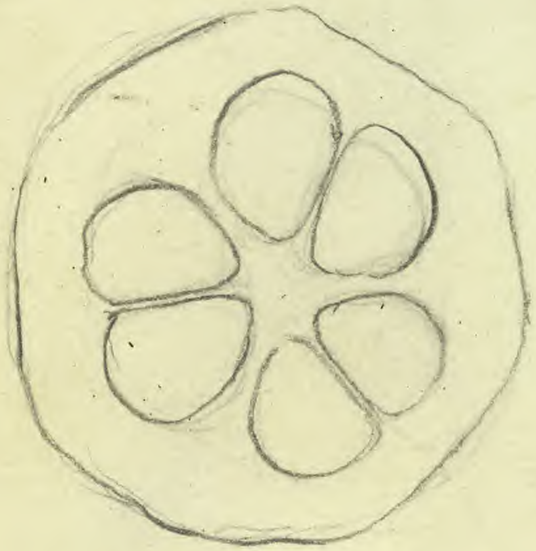
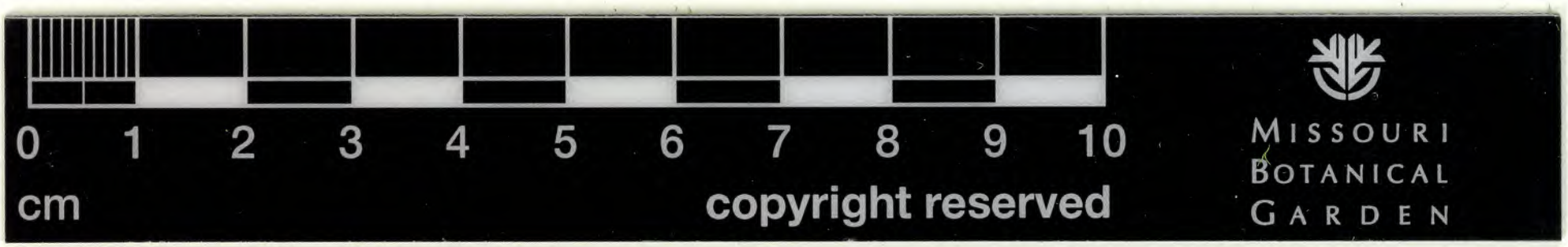
Yucca baccata
Cedar City, Utah, S. Tracy
July 11 1874



fruit whitish green, full grown but immature — irregularly and indistinctly 6 angular
largest seeds 12 mm diam
2 mm thick



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J. McWilliams & Co. 36 N. Main St.

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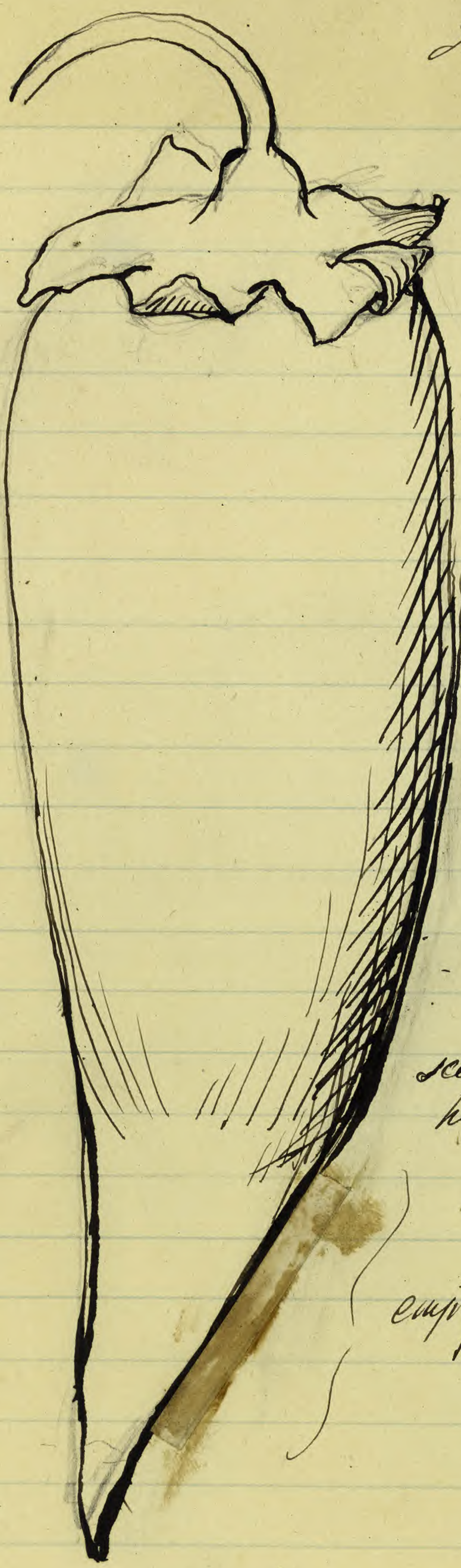
Yucca baccata

largest fruit seen, sent by

J. E Johnson from St George

Utah, Jan. 1875



seeds reach
here

empty, compact

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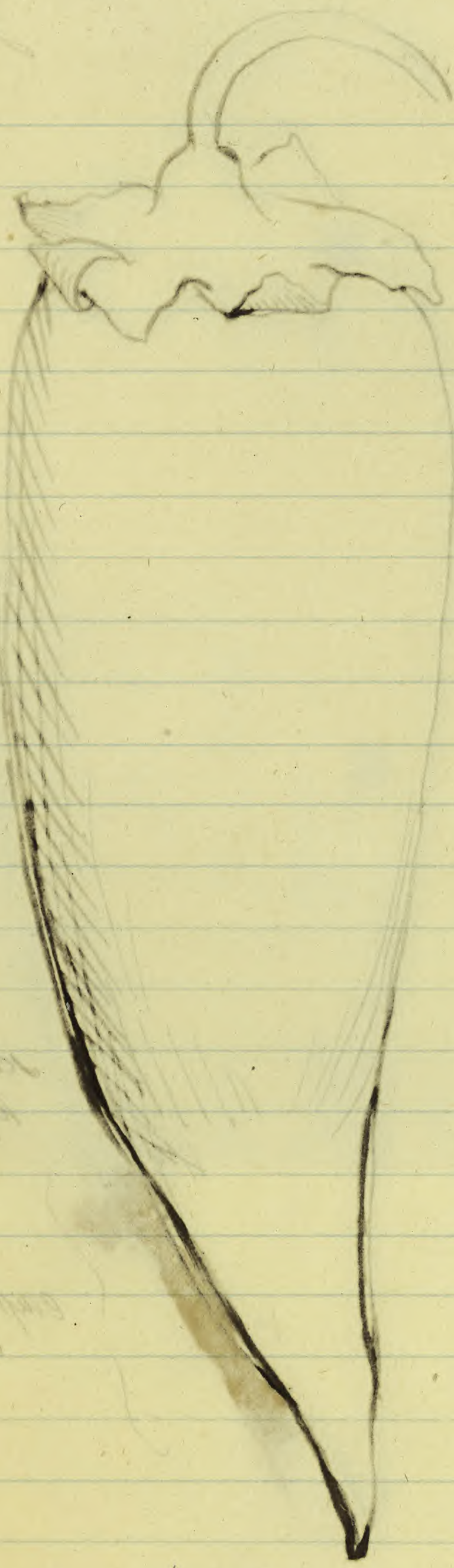

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Yucca baccata in NM Torrey —

1. Large or Coy flowered form — petals 3 inches or 3½ long
Emory 1846 Valley of Rio Grande, flowers and bracklet with
large white papery bracts.
Bigelow, Coppermines & Mex, May 1st 1851 standard leaf
and some flowers (one is figured Jan 17 1871)
Wright, Organ Mountains near Pass bracklet with Exserted
2 small flowered form — flowers only 1½ inches long
Bigelow, Mountains near Fronteras, Texas, March 19 1852
flowers crowded on bracklet, large white bracts
(Bigelow Sandhills 30 miles below San Elezario June 14 1852
bracts of bracklet fallen off. this last has small rules and therefore
probly below to Baccata which see
3 California, fibres Thinner, bracts very large and herbaceous,
leaves 17 x 1½"
flowers very small, petals only ¼ or ⅓ inch long.
from Los Angeles, but coll. by HG. Bloomer at San Buenaventura
Parry & Mex Bnd Survey, Monterey 1850 a single leaf
only 1 foot long ⅞" wide, fibres finer than in Mex pl.
4 Mexicana Parras — Coahuila, Geo Thurber
Nov. 1852 "Large species" see Bracklets "Cork"
leaves 16 inches long 1½ wide, 3 inches wide (7" above it
fruit small, 2 inches long seeds figured — fibres thin.
fruits of the west Texas plant, figured by me,
still young oval, rostrate, 3 inches long,
1. Cedar Woods, Sept 24 1853 Argillaceous leaves 13-15"
by 1-1½"
2. Hacmak Creek Sept 25 1853 " Rocky plains

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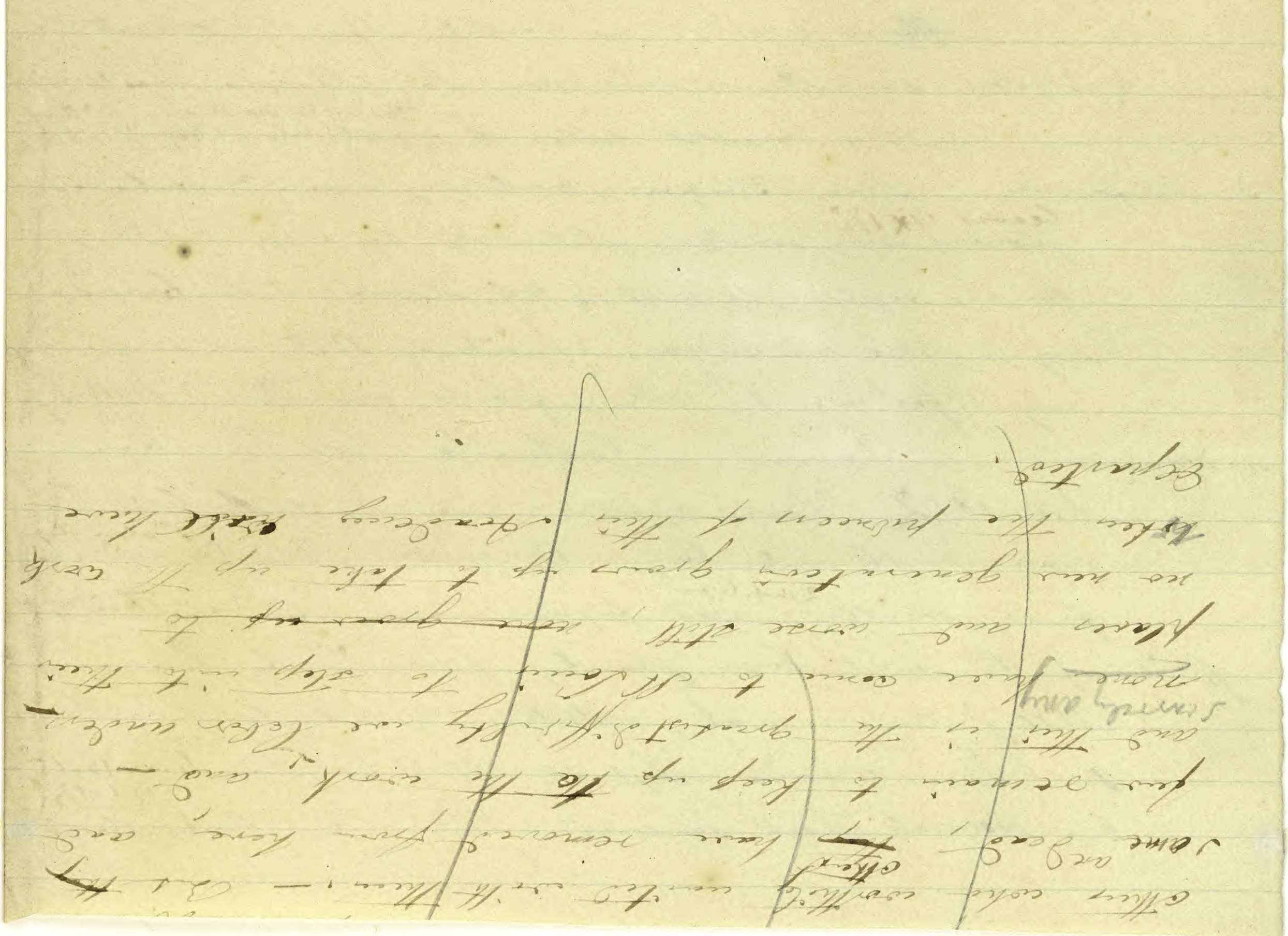

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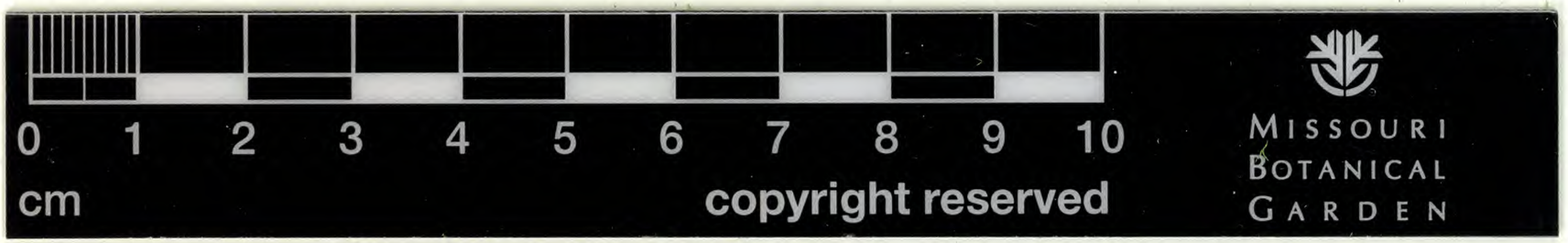
Fieldnotes on Yuccas met with along the U. S. & Mex. Boundary Line by

A. Schott. Febr. 1870

No 1. Yucca baccata n. sp. Stem 5 to 7' high and thickly clad in the remnants of the old retrorsely turned leaves making in many instances the cross diameter of the stem from 12 to 18"; Head of the rigidly straight leaves spherical; leaves ensiform channeled strong and sharp pointed for which the Texas call this species „Spanish bayonet." the mexican vernacular being „Palmillo also Palmilla." Flowering scape 3' to 4' long bearing a large densily branched raceme, the length of which occupies at least 2 thirds of the length of the scape. Flowers campanulate creamcolor. Habitat all along the Bravo del Norte and on the road from Leona station to El Paso del Norte. The fruit of the size of hensegg dateshaped is fleshy and edible with a bitter sweetish taste, not disagreeable but somewhat cathartic to those unaccustomed.

Yucca baccata Torr.
margin of leaf not membranaceous!



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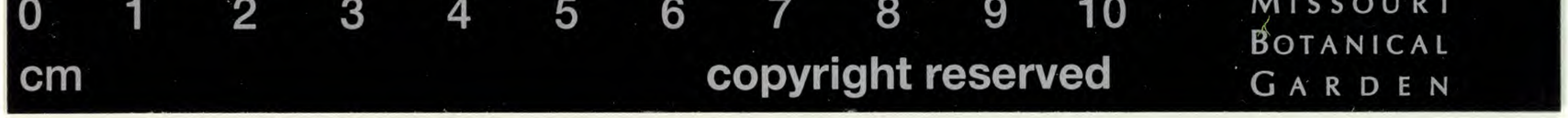

Rec'd Sept 16
Ans'd Sept 17

Cambridge
Sept. 12 1874

My Dear Dr. Engelmann

I forgot to
speak of one thing in my
letter of day before yesterday
You spoke a while ago of the
fleshy fruited Yuccas of Sheldon's
collection as probably an
undescribed species. Is this an unpublished
species? I find nothing of the
kind in the books. I thought
so first that Y. baccata ~~yes~~ per.
intended but yours
describe the seeds as three times as
thick and the fruit as "long-rostrate"
which this is not. See outlines on
next page.

I also enclose seeds of another
Yuccaish thing — no leaves, flowers or
description with it.

Yours Very Truly
Asa Gray

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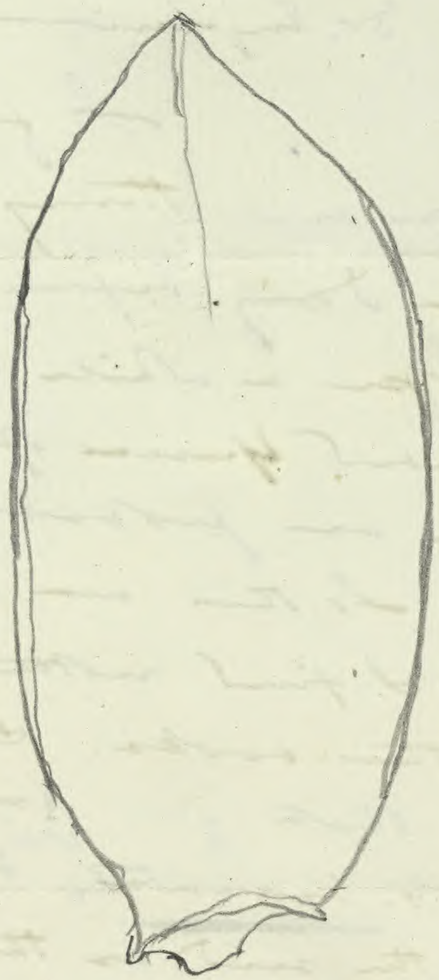

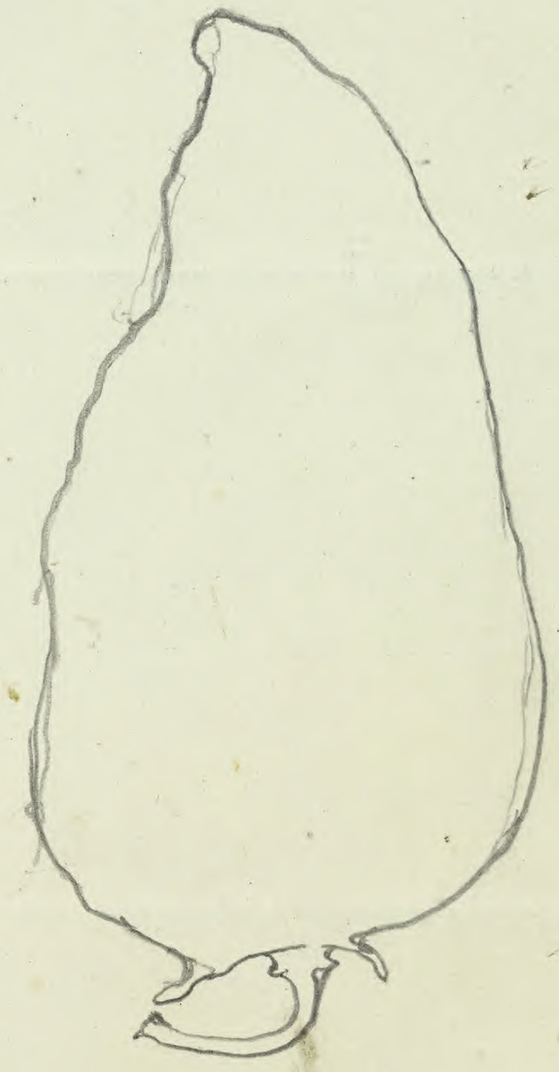

Yucca baccata

Fred Bischoff, Arizona

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